

Minoru Mizuhata

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

172
papers

3,385
citations

29
h-index

50
g-index

197
ext. papers

3,629
ext. citations

3.5
avg, IF

4.99
L-index

#	Paper	IF	Citations
172	Corrosion Inhibition for Steel Surface Using a Polyacrylic Gel Sheet Containing Ni ²⁺ /Al Layered Double Hydroxide Prepared by Liquid-Phase Deposition. <i>Electrochemistry</i> , 2021 , 89, 111-117	1.2	4
171	Electrical Conductivity of Ceria-Based Oxides/Alkali Carbonate Eutectic Nanocomposites. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 046516	3.9	2
170	Introducing "J-STAGE Data": an alternative data repository for your Supporting Information. <i>Denki Kagaku</i> , 2021 , 89, 235-235	0	0
169	Analysis of hydrolysis reaction of aluminum polynuclear complex, with Cl ⁻ and SO ₄ ²⁻ anions by quantitative multinuclear NMR, and evaluation of coagulation behavior of model sludge water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 127623	5.1	0
168	Stabilized Phase Transition Process of Layered Na _x CoO ₂ via Ca-Substitution. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 010509	3.9	1
167	An experimental and first-principle investigation of the Ca-substitution effect on P3-type layered NaCoO. <i>Chemical Communications</i> , 2020 , 56, 8107-8110	5.8	3
166	Deposition and performance of all solid-state thin-film lithium-ion batteries composed of amorphous Si/LiPON/VO-LiPO multilayers. <i>Thin Solid Films</i> , 2020 , 697, 137840	2.2	3
165	Estimation of solid-liquid interfacial potential enabled by quantitative analysis and relaxation observation of quadrupolar NMR. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 604, 125286	5.1	3
164	Destabilized Passivation Layer on Magnesium-Based Intermetallics as Potential Anode Active Materials for Magnesium Ion Batteries. <i>Frontiers in Chemistry</i> , 2019 , 7, 7	5	31
163	Influence of Immersion of Polyethyleneimine Thin Film Modified with Gold Nanoparticles in [Ru(NH ₃) ₆]Cl ₃ Aqueous Solution on Redox Reaction on AuNPs. <i>Electrochemistry</i> , 2019 , 87, 123-133	1.2	1
162	Quantitative Analysis of Water Activity Related to Hydration Structure in Highly Concentrated Aqueous Electrolyte Solutions. <i>Electrochemistry</i> , 2019 , 87, 139-141	1.2	5
161	Photoelectrochemical Reaction in an Electric Cell with a Porous Carbon Anode. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 19447-19452	3.8	0
160	Conductivity of LiClO ₄ /PC-DME Solution Impregnated in LiCoO ₂ Powder. <i>Electrochemistry</i> , 2019 , 87, 294-296	1.2	0
159	Solvent molecule mobilities in propylene carbonate-based electrolyte solutions coexisting with fumed oxide nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 562, 270-279	5.1	5
158	Thermophysical Properties of Binary Amide Anion-Based Ionic Liquids; TMAPSAxTFSA1 _x . <i>Electrochemistry</i> , 2018 , 86, 92-98	1.2	1
157	Improvement of electrochemical properties and oxidation/reduction behavior of cobalt in positive electrode of Ni-metal hydride battery. <i>Journal of Power Sources</i> , 2018 , 388, 45-51	8.9	9
156	Charge transfer resistance reduction by the interlayer distance expansion of Ni-Al layered double hydroxide for nickel-metal hydride battery anode. <i>Electrochimica Acta</i> , 2018 , 270, 395-401	6.7	13

155	Degradation Factors and Durability of Large Scale Ni-metal Hydride Batteries. <i>Electrochemistry</i> , 2018 , 86, 349-354	1.2	
154	Improved Cycling Performance of Intermetallic Anode by Minimized SEI Layer Formation. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A1486-A1491	3.9	11
153	Dynamic Properties on NMR Spectroscopy of Non-Aqueous Electrolyte Solution Coexisting with Fumed Silica Dispersion. <i>ECS Transactions</i> , 2017 , 75, 1-9	1	2
152	Quantitative NMR of quadrupolar nucleus as a novel analytical method: hydrolysis behaviour analysis of aluminum ion. <i>Analyst, The</i> , 2017 , 142, 1790-1799	5	23
151	In Situ Synthesis of a Supramolecular Hydrogelator at an Oil/Water Interface for Stabilization and Stimuli-Induced Fusion of Microdroplets. <i>Angewandte Chemie</i> , 2017 , 129, 9538-9542	3.6	3
150	Palmitoylated amino acids as low-molecular-weight gelators for ionic liquids. <i>Colloid and Polymer Science</i> , 2017 , 295, 1109-1116	2.4	8
149	In Situ Synthesis of a Supramolecular Hydrogelator at an Oil/Water Interface for Stabilization and Stimuli-Induced Fusion of Microdroplets. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9410-9414	16.4	16
148	Improvement of the conductive network of positive electrodes and the performance of Ni-MH battery. <i>Journal of Power Sources</i> , 2017 , 352, 143-148	8.9	4
147	Dependence of Interlayer Distance on the Charge Transfer Reaction of Ni-Al Layered Double Hydroxides. <i>ECS Transactions</i> , 2017 , 75, 11-20	1	2
146	Removal of Surface Scale from Titanium Metal by Etching with HF/HNO ₃ Mixed Acid. <i>Materials Transactions</i> , 2017 , 58, 1280-1289	1.3	4
145	Relationship between Ionic Interaction and NMR Relaxation Behavior in LiClO ₄ -PC Solution Coexisting with Fumed Metal Oxide. <i>ECS Transactions</i> , 2017 , 80, 1381-1389	1	1
144	Electrodeposition of cerium oxide on porous silicon via anodization and enhancement of photoluminescence. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	1
143	Fabrication of ZnS/Porous Silicon Composite and Its Enhancement of Photoluminescence. <i>Electrochimica Acta</i> , 2016 , 201, 86-95	6.7	6
142	Carbon dioxide absorption behavior of surface-modified lithium orthosilicate/potassium carbonate prepared by ballmilling. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 18893-18899	6.7	21
141	Nickel-Aluminum Layered Double Hydroxide Coating on the Surface of Conductive Substrates by Liquid Phase Deposition. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 17188-98	9.5	12
140	On-site fabrication and charge/discharge property of TiO ₂ coated porous silicon electrode by the liquid phase deposition with anodic oxidation. <i>Journal of Fluorine Chemistry</i> , 2015 , 174, 62-69	2.1	3
139	Transitions from simple electrolyte to polyelectrolyte in a series of polyphosphates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 484, 153-163	5.1	3
138	Highly Conductive Ionic-Liquid Gels Prepared with Orthogonal Double Networks of a Low-Molecular-Weight Gelator and Cross-Linked Polymer. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 23346-52	9.5	29

137	(15)N and (31)P NMR Insights into Lactam-Lactim Tautomerism Activity Using cyclo-βimidopolyphosphates. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 12289-98	3-4	
136	Coating Current Collector Surface with Ni–Al Layered Double Hydroxide by Liquid Phase Deposition to Reduce Charge-Transfer Resistance. <i>Electrochemistry</i> , 2015 , 83, 803-806	1.2	4
135	Room temperature direct imprinting of porous glass prepared from phase-separated glass. <i>Nanotechnology</i> , 2015 , 26, 255304	3-4	4
134	Multinuclear NMR studies on the effect of electrostatic and hydrophobic interactions on bindings to counterions to weakly acidic and basic polyelectrolytes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 471, 1-10	5.1	5
133	Durability of nickel&metal hydride (Ni&MH) battery cathode using nickel&aluminum layered double hydroxide/carbon (Ni&Al LDH/C) composite. <i>Journal of Power Sources</i> , 2014 , 247, 572-578	8.9	34
132	βBe and βP NMR analyses on the influence of imino groups on Be&+ complex stabilities of a series of cyclo-βimido triphosphate anions. <i>Magnetic Resonance in Chemistry</i> , 2014 , 52, 69-81	2.1	6
131	Synthesis, protonation equilibrium and peculiar thermal decomposition behavior of cyclo-tri-βimidotetraphosphate. <i>Dalton Transactions</i> , 2014 , 43, 11611-23	4.3	3
130	Supramolecular gelators based on benzenetricarboxamides for ionic liquids. <i>Soft Matter</i> , 2014 , 10, 965-746	3.6	47
129	Europium doping induced symmetry deviation and its impact on the second harmonic generation of doped ZnO nanowires. <i>Nanotechnology</i> , 2014 , 25, 225202	3.4	28
128	Ionic Equilibria for Synthesis of TiO2 Thin Films by the Liquid-Phase Deposition. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 11964-11974	3.8	39
127	Conductive Property of Molten Carbonate/Ceria-Based Oxide (Ce0.9Gd0.1O1.95) for Hybrid Electrolyte 2014 , 535-541		
126	Interfacial Phenomena of Alkalimetal Carbonate on Sm-Doped Ceria for Composite Electrolytes. <i>ECS Transactions</i> , 2014 , 64, 45-56	1	2
125	Metal Oxide Coated Porous Silicon Electrode Fabricated by Anodized Liquid Phase Depositions. <i>ECS Transactions</i> , 2014 , 61, 9-20	1	1
124	Eu-doping induced improvement on the second harmonic generation of ZnO Nanowires. <i>Materials Research Society Symposia Proceedings</i> , 2014 , 1659, 95-100		1
123	Anion-exchange properties of nickel&aluminum layered double hydroxide prepared by liquid phase deposition. <i>Materials Chemistry and Physics</i> , 2013 , 141, 445-453	4.4	14
122	Green synthesis of Au, Pd and Au@Pd core&shell nanoparticles via a tryptophan induced supramolecular interface. <i>RSC Advances</i> , 2013 , 3, 18367	3.7	18
121	Aluminum doped core-shell ZnO/ZnS nanowires: Doping and shell layer induced modification on structural and photoluminescence properties. <i>Journal of Applied Physics</i> , 2013 , 114, 134307	2.5	23
120	Stabilities of the Divalent Metal Ion Complexes of a Short-Chain Polyphosphate Anion and Its Imino Derivative. <i>Journal of Solution Chemistry</i> , 2013 , 42, 2104-2118	1.8	6

119	Effects of the composition on the properties of nickel-aluminum layered double hydroxide/carbon (NiAl LDH/C) composite fabricated by liquid phase deposition (LPD). <i>Journal of Power Sources</i> , 2013 , 225, 215-220	8.9	29
118	Membrane modification by liquid phase deposition using small amount of TiO ₂ for high-temperature operation of polymer electrolyte fuel cells. <i>Journal of Power Sources</i> , 2013 , 233, 148-158	8.9	21
117	Terahertz wire grid polarizer fabricated by imprinting porous silicon. <i>Optics Letters</i> , 2013 , 38, 5067-70	3	15
116	3.?????????????????????????????????. <i>Electrochemistry</i> , 2013 , 81, 702-709	1.2	1
115	Discrimination of transparent polyethylene films based on identification of inorganic antiblocking agents. <i>Journal of Forensic Sciences</i> , 2012 , 57, 744-9	1.8	2
114	Electrochemical study on co-doped ceria-carbonate composite electrolyte. <i>Journal of Power Sources</i> , 2012 , 201, 121-127	8.9	33
113	Co-existence of Bi with multiple valence states in zeolites [Controlling the optical properties by annealing atmosphere. <i>Optical Materials</i> , 2012 , 34, 821-825	3.3	8
112	Surface Modification of Porous Silica with the Liquid Phase Deposition Process Using Solid Materials for Fluorine Scavenger. <i>Chemistry Letters</i> , 2012 , 41, 1262-1264	1.7	5
111	Electrical conductivity and related properties of molten carbonates coexisting with ceria-based oxide powder for hybrid electrolyte. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 19407-19416	6.7	24
110	Versatile supramolecular gelators that can harden water, organic solvents and ionic liquids. <i>Langmuir</i> , 2012 , 28, 9259-66	4	73
109	Preparation of Silver Nanoparticles-Nafion Membrane Composite by Photoreduction Process. <i>ECS Transactions</i> , 2012 , 41, 9-18	1	3
108	Synthesizing Process of Metal Oxides Nanostructured Materials from Aqueous Solutions. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2012 , 63, 75	0.1	
107	Bismuth-sensitized efficient near-infrared luminescence from ytterbium in zeolites. <i>Journal Physics D: Applied Physics</i> , 2011 , 44, 155101	3	6
106	Efficient near-infrared emission from neodymium by broadband sensitization of bismuth in zeolites. <i>Optics Letters</i> , 2011 , 36, 1017-9	3	3
105	Effect of doping concentration on broadband near-infrared emission of Bi doped zeolites. <i>Microporous and Mesoporous Materials</i> , 2011 , 145, 21-25	5.3	3
104	Efficient near-infrared luminescence and energy transfer in Nd-Bi codoped zeolites. <i>Materials Research Society Symposia Proceedings</i> , 2011 , 1342, 41		1
103	Efficient ultraviolet-blue to near-infrared downconversion in BiDyTb-doped zeolites. <i>Journal Physics D: Applied Physics</i> , 2011 , 44, 455301	3	16
102	Efficient near-infrared luminescence and energy transfer in erbium/bismuth codoped zeolites. <i>Optics Letters</i> , 2010 , 35, 1926-8	3	21

101	Electrical Conductivity of the Coexisting System Containing Molten Carbonates and Rare-Earth Oxide. <i>ECS Transactions</i> , 2010 , 33, 439-447	1	4
100	Evaluation of nucleic acid duplex formation on gold over layers in biosensor fabricated using Czochralski-grown single-crystal silicon substrate. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 751-8	4.4	18
99	Electrochemical properties of nickel/aluminum layered double hydroxide/carbon composite fabricated by liquid phase deposition. <i>Journal of Power Sources</i> , 2010 , 195, 7669-7676	8.9	44
98	Synthesis of tungsten oxide thin film by liquid phase deposition. <i>Materials Chemistry and Physics</i> , 2010 , 123, 614-619	4.4	26
97	Highly efficient and air-stable near infrared emission in erbium/bismuth codoped zeolites. <i>Applied Physics Letters</i> , 2009 , 94, 141106	3.4	14
96	Design and Fabrication of Extended-Bandwidth Rugate Filters Made of Porous Silicon. <i>ECS Transactions</i> , 2009 , 16, 55-59	1	0
95	One-step synthesis and near-infrared luminescent properties of Er ³⁺ and Ni ²⁺ doped single-crystalline Al ₁₈ B ₄ O ₃₃ nanorods. <i>Nanotechnology</i> , 2009 , 20, 035604	3.4	4
94	Depositing Mechanism of Metal Oxide Thin Film in the Liquid Phase Deposition Process. <i>ECS Transactions</i> , 2009 , 16, 93-101	1	2
93	Strong Ultra-Broadband Near-Infrared Photoluminescence from Bismuth-Embedded Zeolites and Their Derivatives. <i>Advanced Materials</i> , 2009 , 21, 3694-3698	24	96
92	Liquid phase deposition synthesis of hexagonal molybdenum trioxide thin films. <i>Journal of Solid State Chemistry</i> , 2009 , 182, 2362-2367	3.3	34
91	Molten-Salt Synthesis and Characterization of Nickel-Doped Forsterite Nanocrystals. <i>Journal of the American Ceramic Society</i> , 2009 , 92, 962-966	3.8	18
90	BNi(OH) ₂ thin films fabricated by liquid phase deposition method. <i>Thin Solid Films</i> , 2009 , 517, 1546-1554	2.2	39
89	Highly efficient broadband near-infrared luminescence in Ni ²⁺ -doped glass ceramics films containing cordierite nanocrystals. <i>Journal of Non-Crystalline Solids</i> , 2009 , 355, 2425-2428	3.9	4
88	Superbroadband near-IR nano-optical source based on bismuth-doped high-silica nanocrystalline zeolites. <i>Optics Letters</i> , 2009 , 34, 1219-21	3	32
87	Significantly enhanced superbroadband near infrared emission in bismuth/aluminum doped high-silica zeolite derived nanoparticles. <i>Optics Express</i> , 2009 , 17, 6239-44	3.3	13
86	Application of Layered Nickel Double Hydroxide for Alkali Secondary Battery Using the Liquid Phase Deposition Method. <i>ECS Transactions</i> , 2009 , 19, 41-46	1	9
85	Polarized Raman Spectra of Molten Carbonates Influenced by the Surface Acidity of the Coexisting Inorganic Powder. <i>Electrochemistry</i> , 2009 , 77, 721-724	1.2	8
84	Ordering Structure of Binary Aliphatic Quaternary Ammonium Ionic Liquids: AQA-TFSA Systems. <i>Electrochemistry</i> , 2009 , 77, 725-729	1.2	6

83	Organic compound/metal oxide hybrid thin film prepared by the liquid phase deposition method. <i>Journal of the Ceramic Society of Japan</i> , 2009 , 117, 326-329	1	4
82	Equilibrium of dissolving species in aqueous H ₂ SiF ₆ solution during the liquid phase deposition reaction. <i>Journal of the Ceramic Society of Japan</i> , 2009 , 117, 335-339	1	8
81	Preparation of .ALPHA.-nickel hydroxide/carbon composite by the liquid phase deposition method. <i>Journal of the Ceramic Society of Japan</i> , 2009 , 117, 392-394	1	13
80	Ni ²⁺ /Al Layered Double Hydroxide Prepared by Liquid Phase Deposition. <i>Chemistry Letters</i> , 2009 , 38, 972-973	1.3	13
79	Room-temperature Synthesis of Monodispersed SnO ₂ Nanoparticles by Liquid Phase Deposition. <i>Chemistry Letters</i> , 2009 , 38, 974-975	1.7	8
78	Controlled synthesis and luminescent properties of erbium silicate nanostructures. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 6277-82	1.3	1
77	Deposition of Metal Oxide Films at Liquid-Liquid Interface by the Liquid Phase Deposition Method. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 13535-13539	3.8	18
76	?????????????????????. <i>Electrochemistry</i> , 2008 , 76, 678-686	1.2	
75	Deep reactive ion etching (Deep-RIE) process for fabrication of ordered structural metal oxide thin films by the liquid phase infiltration method. <i>Microelectronic Engineering</i> , 2008 , 85, 355-364	2.5	23
74	Broadband rugate filters based on porous silicon. <i>Optical Materials</i> , 2008 , 31, 102-105	3.3	19
73	Large-Scale Controllable Synthesis and Characterization of Ytterbium Silicate Nanostructures. <i>Journal of the American Ceramic Society</i> , 2008 , 91, 4158-4161	3.8	11
72	Effect of γ -LiAlO ₂ powder on ionic conductivity of coexisting single alkali carbonates. <i>Electrochimica Acta</i> , 2007 , 53, 71-78	6.7	26
71	Novel fabrication of highly crystallized nanoparticles in the confined system by the liquid phase deposition (LPD) method. <i>Electrochimica Acta</i> , 2007 , 53, 179-185	6.7	18
70	Preparation of Pt/Electro-conductive polymer Loaded Carbon Composite for Improvement of Electrode Durability for Fuel Cells. <i>ECS Transactions</i> , 2007 , 6, 75-83	1	6
69	Nanofabrication Process for Highly Ordered Porous Materials by the Liquid Phase Deposition Methods. <i>ECS Transactions</i> , 2007 , 6, 11-22	1	3
68	Synthesis and the Luminescence Property of Tb ³⁺ Doped ZrO ₂ Thin Film by the Liquid Phase Deposition Method. <i>Journal of the Ceramic Society of Japan</i> , 2007 , 115, 608-611	1	6
67	Enhancement of Photoluminescence from Eu ³⁺ Doped ZrO ₂ in SnO ₂ Inverse Opal Structure Prepared by the Liquid Phase Infiltration Method. <i>Journal of the Ceramic Society of Japan</i> , 2007 , 115, 724-728	1	14
66	Continuous Deposition System of SnO ₂ Thin Film by the Liquid Phase Deposition (LPD) Method. <i>Journal of the Ceramic Society of Japan</i> , 2007 , 115, 856-860	1	17

65	Fabrication of Copper Ferrite Thin Films from Aqueous Solution by the Liquid-phase Deposition Method. <i>Chemistry Letters</i> , 2007 , 36, 518-519	1.7	10
64	Protein-templated organic/inorganic hybrid materials prepared by liquid-phase deposition. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10906-10	16.4	70
63	Preparation of Pt/polypyrrole Loaded Carbon Composite in order to Improve Electrode Durability for Fuel Cells. <i>ECS Transactions</i> , 2006 , 2, 63-72	1	5
62	High Quality Monodispersed Oxide Nanoparticles Prepared by the Liquid Phase Deposition Method in Aqueous Polymer Solution. <i>ECS Transactions</i> , 2006 , 3, 29-35	1	4
61	Ordered Structure in Room Temperature Molten Salts Containing Aliphatic Quaternary Ammonium Ions. <i>ECS Transactions</i> , 2006 , 3, 89-95	1	19
60	Synthesis and luminescence property of Eu ³⁺ /ZrO ₂ thin film by the liquid phase deposition method. <i>Journal of Alloys and Compounds</i> , 2006 , 408-412, 711-716	5.7	26
59	Anomalous properties of molten alkali nitrates coexisting with aluminum oxides by hetero-phase effect. <i>Vibrational Spectroscopy</i> , 2006 , 40, 66-79	2.1	15
58	Preparation and characterization of alkyl sulfate and alkylbenzene sulfonate surfactants/TiO ₂ hybrid thin films by the liquid phase deposition (LPD) method. <i>Applied Surface Science</i> , 2005 , 239, 292-301	6.7	35
57	Transport properties of non-aqueous lithium electrolyte coexisting with porous solid materials: Montmorillonite-based electrolyte composite system. <i>Journal of Power Sources</i> , 2005 , 146, 365-370	8.9	9
56	Fabrication of nano-structured materials from aqueous solution by liquid phase deposition. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 584, 38-43	4.1	32
55	Development of fabrication process for metal oxide with nano-structure by the liquid-phase infiltration (LPI) method. <i>Electrochimica Acta</i> , 2005 , 51, 802-808	6.7	24
54	Fabrication and Structural Control of Fe/Ti Oxide Thin Films with Graded Compositional Profiles by Liquid Phase Deposition. <i>Journal of the American Ceramic Society</i> , 2005 , 88, 731-736	3.8	10
53	Novel Fabrication of High-Quality ZrO ₂ Ceramic Thin Films from Aqueous Solution. <i>Journal of the American Ceramic Society</i> , 2005 , 88, 2923-2927	3.8	28
52	The dispersion of Au nanoparticles in SiO ₂ /TiO ₂ layered films by the liquid phase deposition (LPD) method. <i>Thin Solid Films</i> , 2005 , 491, 86-90	2.2	18
51	Thermophysical Properties of Room Temperature Molten Salts Coexisting with Inorganic Powder. <i>Electrochemistry</i> , 2005 , 73, 603-605	1.2	6
50	Electrical Conductivity of Al ₂ O ₃ Powder/Binary Room Temperature Molten Salts -HxTMPA/TFSI- Coexisting System. <i>Electrochemistry</i> , 2005 , 73, 606-609	1.2	1
49	Anomalous Properties of LiKCO ₃ Melts Coexisting with Porous Inorganic Powder. <i>Electrochemistry</i> , 2005 , 73, 680-685	1.2	8
48	Structure of Intermediate-range Ordering in Sodium Carboxylate Melts. <i>Electrochemistry</i> , 2005 , 73, 614-616		

47	Fabrication of Metal-oxide Nanoparticles by the Liquid Phase Deposition Method in the Heterogeneous System. <i>Electrochemistry</i> , 2004 , 72, 452-454	1.2	12
46	In Situ Investigations on the Cross-Linking Process of the Epoxy Resin System DGEBA-DETA by Means of Positron Annihilation Lifetime Spectroscopy in Comparison with Infrared Spectroscopy. <i>Materials Science Forum</i> , 2004 , 445-446, 313-315	0.4	4
45	Aqueous solution-based synthesis of rare earth-doped metal oxide thin films. <i>Thin Solid Films</i> , 2004 , 460, 83-86	2.2	16
44	Nanofabrication of metal oxide thin films and nano-ceramics from aqueous solution. <i>Journal of Materials Chemistry</i> , 2004 , 14, 3127		22
43	Different effects of alkyl sulfate and alkylbenzene sulfonate surfactants on the synthesis and properties of CuPc/TiO ₂ composite films by the liquid-phase deposition (LPD) method. <i>Synthetic Metals</i> , 2004 , 146, 17-27	3.6	10
42	Liquid-Phase Infiltration (LPI) Process for the Fabrication of Highly Nano-Ordered Materials. <i>Chemistry of Materials</i> , 2004 , 16, 1747-1750	9.6	54
41	Physicochemical Properties of Molten Alkali Metal Carbonates Coexisting with Inorganic Powder. <i>Journal of the Electrochemical Society</i> , 2004 , 151, E179	3.9	33
40	Structure and the conductive behaviour of hydrate melt coexisting with porous solid materials Al ₂ O ₃ powder/ZnCl ₂ hydrate melt coexisting system. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 1944-1951	3.6	11
39	Fabrication of Pt Nanoparticles-polypyrrole Composite for Electrocatalyst. <i>Electrochemistry</i> , 2004 , 72, 415-417	1.2	4
38	Nano-pore Effect on Ionic Conduction of Non-aqueous LiClO ₄ Solution Coexisting with Porous Solid Materials. <i>Electrochemistry</i> , 2003 , 71, 1093-1095	1.2	8
37	Diffuse reflectance FT-IR spectroscopic study of interactions of alpha-Al ₂ O ₃ /molten alkali nitrate coexisting systems. <i>Journal of Colloid and Interface Science</i> , 2003 , 268, 413-24	9.3	16
36	Preparation and characterization of Au/Co nano-alloys. <i>Journal of Electroanalytical Chemistry</i> , 2003 , 559, 99-102	4.1	10
35	Preparation of Au nanoparticle dispersed Nb ₂ O ₅ composite film by liquid phase deposition. <i>Journal of Electroanalytical Chemistry</i> , 2003 , 559, 91-98	4.1	9
34	Fabrication of high performance thin films from metal fluorocomplex aqueous solution by the liquid phase deposition. <i>Journal of Fluorine Chemistry</i> , 2003 , 120, 157-163	2.1	22
33	Diffuse reflectance FT-IR spectroscopic study of interactions of Al ₂ O ₃ /molten NaNO ₃ coexisting systems. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 2089-2095	3.6	14
32	Growth of metal oxide thin films from aqueous solution by liquid phase deposition method. <i>Solid State Ionics</i> , 2002 , 151, 1-9	3.3	47
31	Fabrication and characterization of PAN-derived carbon thin films containing Au nanoparticles. <i>Thin Solid Films</i> , 2002 , 408, 59-63	2.2	10
30	Fabrication and characterization of Pt nanoparticles dispersed in Nb ₂ O ₅ composite films by liquid phase deposition. <i>Journal of Materials Chemistry</i> , 2002 , 12, 1495-1499		20

29	Microstructure and electron transport properties of Au _x Co _{1-x} nano-alloys embedded in polyacrylonitrile thin films. <i>Journal of Materials Chemistry</i> , 2002 , 12, 2408-2411		11
28	Structural change of zinc chloride hydrate melt coexisting with porous solid materials. <i>Studies in Surface Science and Catalysis</i> , 2001 , 132, 255-258	1.8	4
27	Preparation and characterization of metal nanoparticles dispersed in polyacrylonitrile thin film. <i>Scripta Materialia</i> , 2001 , 44, 1879-1882	5.6	6
26	Novel fabrication method for Si _{1-x} Ti _x O ₂ thin films with graded composition profiles by liquid phase deposition. <i>Journal of Materials Chemistry</i> , 2001 , 11, 984-986		23
25	Preparation and characterization of polymer thin films containing silver and silver sulfide nanoparticles. <i>Thin Solid Films</i> , 2000 , 359, 55-60	2.2	144
24	Studies on PVdF-based gel polymer electrolytes. <i>Journal of Power Sources</i> , 2000 , 88, 269-273	8.9	61
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